YUTONG E12 PRO

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E-mail: sales@yutong.com Follow us on Facebook & X & YouTube at Yutong Bus & Coach The images may include items of optional equipment and accessories that are not installed as standard. The product is subject to technical improvement. Yutong reserves the right to change product specifications without prior notice.

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YUTONG E12 PRO

SMART TECHNOLOGY FOR BETTER LIFE

A bus,
lights up a city and carries people around.

A BUS, A MOVING LANDSCAPE

A future city is built not only on the functions of services and products, but more on the uplift of images and vision. With the upgrade of consumption, what the public desires is not merely the satisfaction of travel needs, but more of the comfort and convenience of travel.

With a keen perception of the time and industry, Yutong has committed to a futuristic high-end intelligent connected city bus - E12 PRO, which empowers the city with green performance, decorates the city glamour with the latest technology, and lights up the city for a smart future.

High quality
The lighter body leads to lower energy use and longer driving range.

Comfortable drive
The modern driver cab makes driving easier.

Stylish appearance
The one-piece design is simple and futuristic.

Intelligent technology
The 8 intelligent driving assistance technologies increase vehicular safety and operational stability.

A bus,
clearly interprets the interaction between the people, vehicle and city.

A BUS THAT INTEGRATES THE ECOSYSTEM OF PEOPLE, VEHICLES AND CITY

At all stages of its operation, E12 PRO, with its enhanced performance

builds the harmony between the people, vehicle and city through one-stop solutions.

People

Easy driving and control

EASY HANDLING

Vehicle parameter analysis and fault diagnosis offer more professional and caring advice.

Multi-dimensional collection of energy use data inform fleet staff of clearer eco-performance record.

Adjustment of driving mode to personal habits means easier driving.

Vehicle

Easy scheduling and maintenance

EASED REPAIR & MAINTENANCE

Fault diagnosis and early warning ensure real-time acquisition of fault list, improving the maintenance speed, vehicle readiness and fleet scheduling.

Big data analysis and accurate preparation of maintenance plans can rationalize the cost of maintenance, repair and energy use.

City

Intelligent and green public mobility

BRING SMART AND ECO-FRIENDLY MOBILITY TO CITIES

The capacity up to 15,000 persons/h, higher than that of conventional city buses, can meet the demand of urban public travel to the greatest extent.

Low-carbon and eco-friendly intelligent transportation technology can reduce pollutant discharge and add a touch of green to the city.

Higher punctuality rate and greater operation efficiency can migrate the urban traffic pressure.

YUTONG
ZERO EMISSION
宇通纯电动

Green power alone is far from enough for cities.

GREEN POWERED WITHOUT SACRIFICING THE AESTHETICS

New energy is where the future lies in, but it is only a basis.

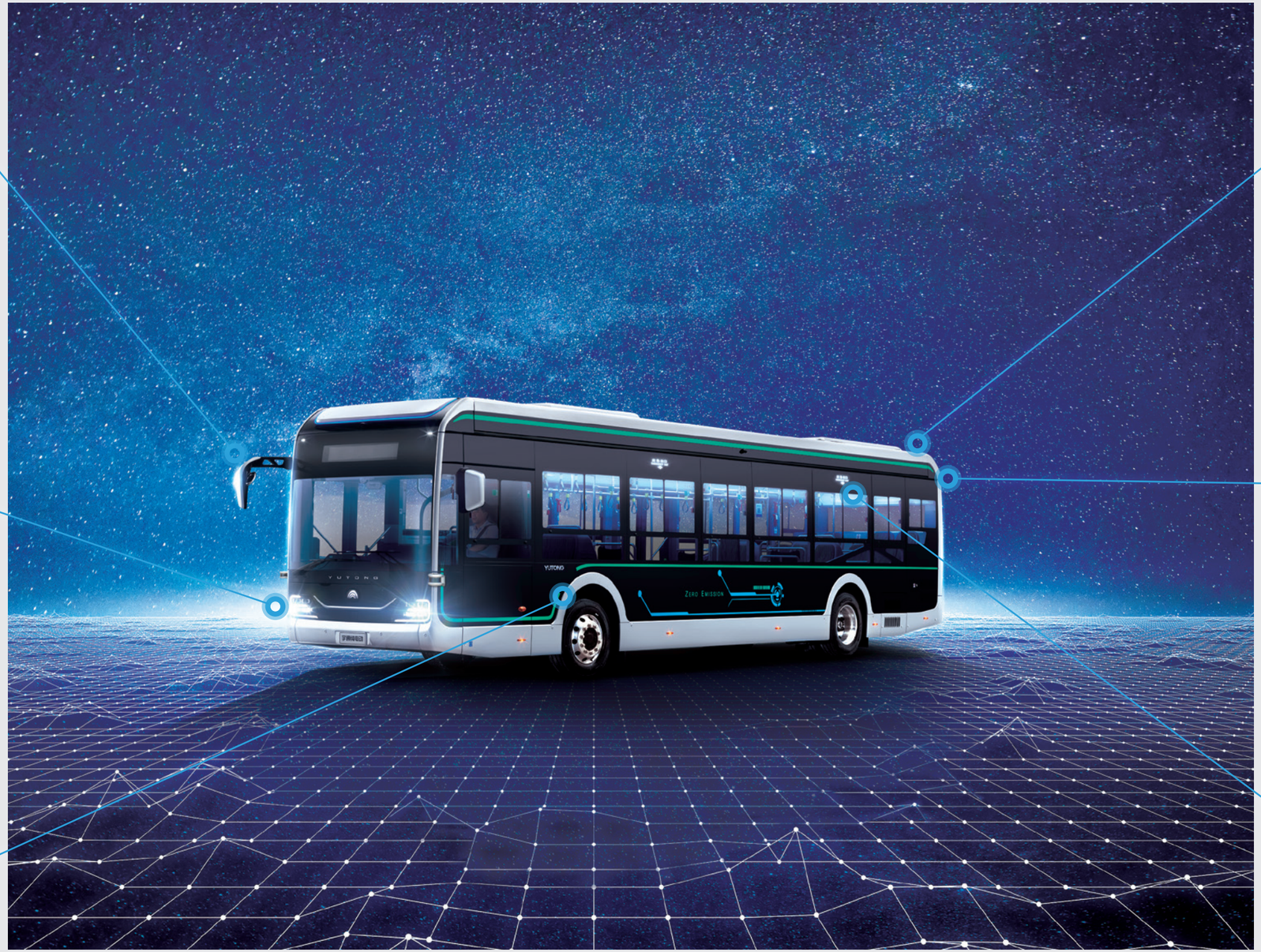
The public transport of an international city is not only a pace-setter of technology, but also a vanguard of fashion.

E12 PRO appearance combines technology with fashion, adding a dazzling sight to the city.

- **Large rear-view mirror**
  The rabbit ear rear-view mirror features an avant-garde design, providing a wider vision and higher safety.

- **Bright headlight**
  The E-type daytime running lamp and four analog matrix clear headlights are full of technology, offering longer service life and saving more energy.

- **Integrated wheel housing**
  Simple style with strong visual impact and greater sense of integration.



- **Front and rear atmosphere light strips**
  The blue atmosphere light creates an echo of the city night sky, with a strong sense of technology and high recognition.

- **360-degree view**
  The surrounding camera probes are compact and well-designed, allowing for 360-degree view and higher driving safety.

- **Emergency exit indicator**
  The exterior emergency exit indicator can be used for quick location in case of emergency.

PEOPLE

Large space is far from enough for driving and riding.

BEYONG A SPACIOUS AND COMFORTABLE COMPARTMENT

The modern driving system breaks down communication barriers between the human and vehicle, providing convenient and comfortable driving conditions.

We focus on every detail so that the driver can focus only on driving and control.

- **Integrated driver enclosure**
  The integrated rear enclosure, one-piece driver barrier and built-in TV enhance the modern sense of the interior.

- **Full LCD instrument**
  Full LCD shows information more clearly and enhances driving experience.

- **Integrated seat**
  The seat integrated with the wheel housing makes reasonable use of the inside space, boosting overall appearance and riding experience.

- **Intelligent coin machine**
  The integration with the instrument cluster is more user-friendly, creating more space on the passage for easier boarding.

A futuristic bus experience is not only about passenger capacity, but also riding comfort. E12 PRO cares about the travel needs of everyone on board, increasing the comfort through caring and user-friendly configurations.

- **Integrated compartment light**
  The compartment has double-layer roof structure, and the middle-roof atmosphere circular lights with three colors adjustable are more aesthetic

- **Wheelchair-user backrest**
  Easy to use and caring for persons with impaired mobility

- **Streamlined handrail**
  The subway-style handrail conceals bolts, which is simple and aesthetic.

- **Air outlet diffuser**
  The air outlet diffuser similar to that on the high-speed train ensures even air flow and riding comfort.

VEHICLE

The piling up of technologies alone is far from enough for public transport.

TECHNOLOGIES ARE NOT THE ONLY PURSUIT

The future model of public transport should not be merely the physical stacking of technologies, but more about the linking between the technology and urban life.
Humans are what matters. An insight into the interaction between the people, vehicle and city helps create a more intelligent means of travel and leads to building of a future urban public transport ecosystem.

360-degree view system

360-degree display:

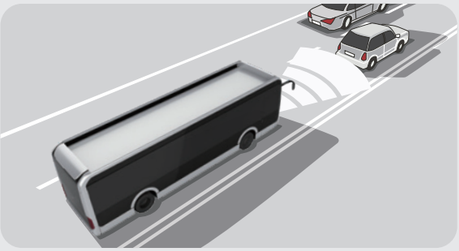
360-degree view system can see the surrounding conditions completely without blind spots.

Obstacle monitoring and early alarm:

360-degree real-time detection of obstacles around the vehicle.

Steering guidance assist/reverse guidance lines:

Predict the driving trajectory in advance to avoid obstacles.



Collision warning and collision migration control

Collision warning system:

Actively identify potential collision hazards and improve driving safety.

Anti-(front) collision intelligent braking:

Reduce the probability of traffic accidents caused by drivers' failure to take correct braking measures in an emergency.

Braking force adaptation system based on safety distance:

Judge the danger level of vehicles in the traffic environment and reduce the probability of traffic accidents, without neglecting the safety of standees on board.

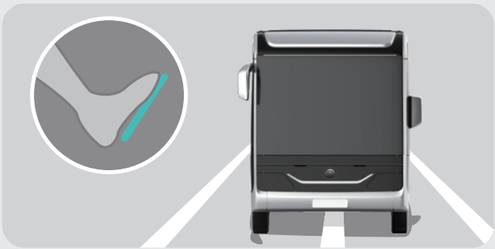
Electronic Protection to Accelerator Mistake (EPAM)

Intelligent recognition and prompt of accelerator mis-operation:

Reduce the probability of traffic accidents caused by improperly depressing accelerator pedals without care during startup or low-speed drive.

Speed control based on safety distance:

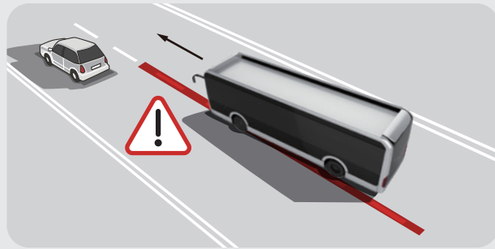
Real-time detection of obstacles during start-up and low-speed drive can reduce the probability of impact such as rear end collision.



Lane Departure Warning (LDW)

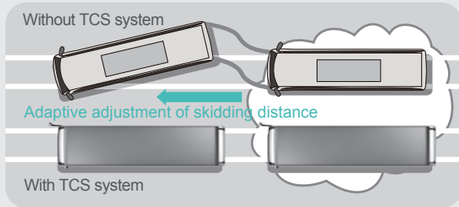
Capable of identification of all types of lane lines and kerb, the LDW system can sound an alarm when the vehicle deviates or is about to deviate from the lane.

The driver is warned by instrument panel displays, audio buzzer and steering wheel vibration.



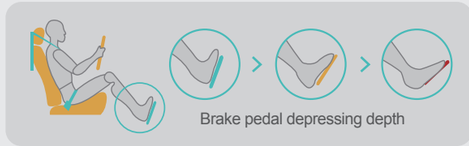
Traction Control System (TCS)

Prevent skidding during startup or acceleration in rainy days or on the icy and snowy surface.



Auto-Hold

No handbrake, stable startup, no rolling backwards, more safety.



Hill Start Assist (HSA)

No rolling backwards during startup.

Other safety technologies

Driver action monitoring:

Monitor and warn drivers when they are tired or distracted.

Automatic lighting system:

Automatic control of turning on/off of the headlight and axillary light, according to the ambient lighting.

Operation auxiliary braking:

It can prevent backward rolling when the driver stops to open the door.

IES_c energy saving system:

Energy saving control based on visual perception improves energy efficiency and cut power use.

Tire pressure warning

Pushbutton gear shift

Flagship Yuwei, Intelligent and Stylish

INTELLIGENTIZATION MAKES YOUR OPERATION EFFORTLESS

Intelligence — Less concerns of drivers and fleet operators

Human-vehicle connection & intelligent butler

As an intelligent product from Yutong for new energy buses, Anruitong, which is built on the lightweight architecture of "applets", achieves mobile connection between buses and drivers.

Through intelligent diagnosis, intelligent centralized control, energy use statistics and other data processing, it provides drivers and fleet managers with intelligent and connected services to improve efficiency.

CARING SERVICE AND STRONG SUPPORT

First-class customer service

· 365-day standby
· 24h emergency rescue
· 24h reservation
· 24h customer call center service

Two extended warranty

· 6 years for vehicle frame
· 5 years for core assemblies

Three free services

·Free 18 items of new vehicle check-in inspection
·Free new vehicle break-in maintenance
·Free 38 items of safety inspection for mandatory maintenance

Four professional experience

·Uniform service concept
·Uniform service standards
·Uniform service process
·Uniform service quality

Five quality guarantees

·Professional service team
·First-class technical team
·Reliable Yutong genuine parts
·Advanced multi-stage QC
·Unique vehicle general inspection

Six items of care

·Complete record of vehicle information
·Free technical inquiry support
·Proactive customer training
·Caring customer hot-line
·Multiple premium care activities through the year
·Follow-up visits 7 days after service

Color

Deep garnet red (YTRJ0032)

Red (YTRJ0041)

Green (YTGJ0051)

Dark green (YTGJ0141)

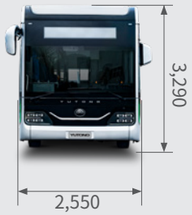
Beige gold (YTYJ0170)

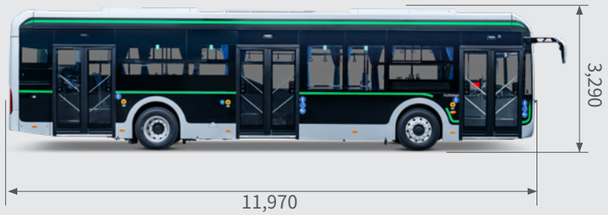
Warm gray (YTDJ0042)

Gray gold (YTDJ0068)

Unit

Unit : mm





Specifications

E12 PRO						
Model	Suspension	Floor type	Styling	L (mm)	W (mm)	H (mm)
E12 PRO	Air suspension	Low floor	Yuwei styling	11,970	2,550	3,290

Battery capacity (kWh)	Charging mode (Charger power kW/charging time) (battery temperature 25°C, SOC: 20%-100%)	Driving range (km)
352.08	160kW/2h (recommended) 120kW/2.5h	≥ 285